



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6639

SERIAL NUMBER 10/687,172	FILING OR 371(c) DATE 10/16/2003 RULE	CLASS 375	GROUP ART UNIT 2611	ATTORNEY DOCKET NO. 2875.016000E
------------------------------------	---	---------------------	-------------------------------	--

APPLICANTS

Thuji S. Lin, Irvine, CA;
 Tian-Min Liu, Laguna Niguel, CA;
 Stephen E. Krafft, Los Angeles, CA;

** CONTINUING DATA *****

This application is a CON of 10/288,833 11/06/2002 PAT 6,671,342 which is a CON of 09/433,732 11/03/1999 PAT 6,493,409 which claims benefit of 60/106,921 11/03/1998 and claims benefit of 60/106,922 11/03/1998 and claims benefit of 60/106,923 11/03/1998 and claims benefit of 60/106,938 11/03/1998 and claims benefit of 60/107,103 11/04/1998 and claims benefit of 60/107,037 11/03/1998

** FOREIGN APPLICATIONS *****

N/A

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 01/21/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY CA	SHEETS DRAWING 16	TOTAL CLAIMS 5	INDEPENDENT CLAIMS 1
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>[Initials]</i>				

ADDRESS

26111

TITLE

Phase detectors in carrier recovery for offset QAM and VSB

FILING FEE RECEIVED 770	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------------	---	---